

FIG 1

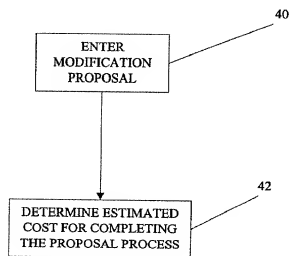


FIG 2

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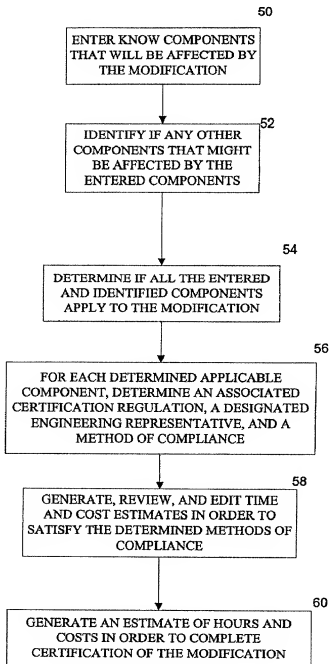


FIG. 3

FIG. 4

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Fig. 5A.

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F16 53.

Validation Dialog

The Edit View Go Databases Help

Back Forward Refresh Home Search Metascope Print Security Stop

GENERAL PROJECT INFORMATION for Project - F16
 Define general project information including known affected commodities and specific airplane models to be modified.

GENERAL PROJECT INFORMATION for Project - F16

Name: Last: First: MI:

Proposal Description: Status:

Start Date: End Date: (valid format: MM/DD/YYYY)

Commodities List

Audio reproducers, multiplexer, PRAM
 Control units, monitors, TV, PFIS, Projectors, Video Ent. Player
 Crew Rest
 ECS
 Electrical/Electronic
 Emergency equipment
 Escapes systems
 Flight Deck
 Galleries & CPE Monuments
 General and emergency lighting
 IFE Provisions
 In-seat Phones
 In-seat Power
 In-flight cameras
 Landlines
 Linings, ceilings, air grills, floor

Model Type(s):

737-100
 737-200
 737-200C
 737-300
 737-400
 737-500
 737-600
 737-700
 737-800
 747-100
 747-100B
 747-100B SUD
 747-200
 747-200F
 747-300

Buttons & Presets

Save & Preset
 Estimate Cost Cost
 Reports

Delete

Fig. 6

Back	3	Find	Home	Search	Notes	Print	Security	...
<p>New Project General Project Info Impacted Commodities Assess PMS / JMS Cost Deliverables Cost Methods Estimate Cost Cost Reports</p>								
<p>Unloading for project - UNL</p>								
<p>ECIS ECR Email/Electronic Emergency equipment Galleys & B/E Movements General and emergency lighting Linings, ceilings, air grille, floor Misc. Payloads (cabin tracks, close out seats, LA pack) Oxygen systems Additional Comments</p>								
<p>Relationship Questions</p> <p>1. Does this commodity affect the physical layout?</p> <p>2. Is it in, on, next to, or attached to passenger?</p> <p>3. Does it affect crew movement?</p> <p>Does it affect another functional area?</p> <p>Does it affect the overall weight/balance of the aircraft?</p> <p>Does it affect the overall maintenance/interior arrangement?</p>								
<p>Functional Safety</p>								
<p>Material of concern</p> <p>Impacted Commodity - Material of concern</p> <p>Is modification to this commodity will affect impact certification require for impacted commodities.</p>								
<p>Usage Impact</p> <p> crew cabin</p> <p>Galleys & B/E Movements Luggage PMS, cabin lighting, monitor & controls Seats - Attendant Seats - Passenger</p>								
<p>Audio replicators, multiphase, TV, PHB, projections, Video Ent. Player</p> <p>Control units, monitors, TV, PHB, projections, Video Ent. Player</p> <p>IFE Promotions</p> <p>Insulation</p> <p>Trim, ceiling, air grille, floor</p>								
<p>Noted on the impact.</p> <p>a grade of potential certification impacts on other commodities</p> <p>may be specific commodities.</p>								
<p>No Impact</p> <p>Audio replicators, multiphase, TV, PHB, projections, Video Ent. Player</p> <p>Control units, monitors, TV, PHB, projections, Video Ent. Player</p> <p>IFE Promotions</p> <p>In-seat phones</p> <p>Insulation</p> <p>Interphone cameras</p> <p>(Save & Proceed)</p>								
<p>Help Questions</p>								

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[illegible]

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F16.9.

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Certification Deliverables		General Project Info		Impacted Commodities		Assess FMRs / ARs		Cert Deliverables		Cert Methods		Estimate Cert Cost		Reports	
Project - 4702		2360		2360		2360		2360		2360		2360		2360	
Category		Certification Deliverables													
Descriptive data		<input checked="" type="checkbox"/> Drawing, sketches, marked photographs, process specifications, written descriptions, installation instructions, etc. (reference AC 21-40, section 5.2). <input checked="" type="checkbox"/> Analyses													
Substantiating or compliance data		<input checked="" type="checkbox"/> Similarity <input checked="" type="checkbox"/> Test or Demonstration proposal or detail plan <input checked="" type="checkbox"/> Test or Demonstration report <input checked="" type="checkbox"/> Conformity Inspection Requests													
Aircraft operational & maintenance content		<input checked="" type="checkbox"/> AFM content revisions or other operational limitation <input checked="" type="checkbox"/> Minimum Maintenance Equipment List (MMEL) content revisions <input checked="" type="checkbox"/> Certification Maintenance Requirement (CMR) and associated Scheduled Maintenance Task (SMT) revisions. (Reference AC 25-19).													
Administrative		<input checked="" type="checkbox"/> Project initiation familiarization meetings <input checked="" type="checkbox"/> Technical Specialists meetings, typically multiple meetings are required													
		<input checked="" type="checkbox"/> No FAA form <input checked="" type="checkbox"/> No FAA form <input checked="" type="checkbox"/> No FAA form													
		<input checked="" type="checkbox"/> Content submittals and reviews by focalis and DER are required.													
		<input checked="" type="checkbox"/> 8110-3 <input checked="" type="checkbox"/> 8110-3 <input checked="" type="checkbox"/> 8110-3 <input checked="" type="checkbox"/> 8110-3 <input checked="" type="checkbox"/> 8120-10 & test drawings 8110-3													
		<input checked="" type="checkbox"/> Accompanying FAA Form													
		<input checked="" type="checkbox"/> 2360													

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File Edit View Go Database Help		New Project		General Project Info		Impacted Commodities		Assess RMT / JARs		Cert Deliverables		Cert Methods		Estimate Cert Cost		Reports	
Back Forward		3		Rebuild Home Search Notebook Print Security Setup						Is Change MAJOR or MINOR							
<div style="display: flex; justify-content: space-between;"> <div> <p>Project - 4201</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: black; color: white; padding: 5px; margin-bottom: 5px;">Foreign Certification</div> <div style="background-color: black; color: white; padding: 5px; margin-bottom: 5px;">Service Building</div> <div style="background-color: black; color: white; padding: 5px;">STC</div> </div> </div> <div> <p>255</p> <div style="border: 1px solid black; width: 80px; height: 80px; margin: 10px auto; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px;">MTO</div> </div> </div> <div> <p>256</p> <div style="border: 1px solid black; width: 80px; height: 80px; margin: 10px auto; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px;">DMS</div> </div> </div> <div> <p>258</p> <div style="border: 1px solid black; width: 80px; height: 80px; margin: 10px auto; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 5px;">TSO</div> </div> </div> </div> <div style="text-align: right; margin-top: 20px;"> <p>254</p> <p>252</p> </div>																	
<input checked="" type="checkbox"/> = Selected <input type="checkbox"/> = UnSelected																	
<input type="button" value="Save & Proceed"/>																	

F16.10

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F16.11

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Certification Quota Worksheet		Estimate		Feasibility	
Back	Forward	Revised	Home	Search	Print
<p><i>2702</i> 27th Foreign Certification <i>276</i> <i>280</i></p> <p>Certification Deliverables are...</p>					
CAA familiarization meeting and follow-up technical meetings	0	0	0	0	0
Certification review with customer, tips & visits	0	0	0	0	0
Develop certification strategy/plan and submit to certification group	0	0	0	0	0
Each DER requires a STC 81103 signoff	0	0	0	0	0
Engineer participation in "airplane survey" to validate initial airworthiness configuration	0	0	0	0	0
Remote Certification	0	0	0	0	0
Requires Notification Letter input to certification group proposing "DER Project"	0	0	0	0	0
Requires Notification Letter input to certification group, possible "FAA Project"	0	0	0	0	0
Total Hours:	0	0	0	0	0
Foreign regulatory agency fees	300	0	0	0	0
<p><i>282</i> Grand Total: 0</p>					

Save & Print

Fig. 12

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FIG. 13

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Certification Group Working Page		Estimate		Totality	
File	Print	Back	Forward	Home	Search
File	Print	Back	Forward	Home	Search
<p>Supplemental Type Certification</p>					
<p>Certification Group/Issues are...</p>					
CAA familiarization meeting and follow-up technical meetings		<input type="checkbox"/> mfg	<input type="checkbox"/> mtr	<input type="checkbox"/> people	
Certification review with customer, tips & edits		<input type="checkbox"/> vldts	<input type="checkbox"/> mtr	<input type="checkbox"/> people	
Develop certification strategy/plan and submit to certification group		<input type="checkbox"/> plan	<input type="checkbox"/> mtr	<input type="checkbox"/> people	
Each discipline's DER requires a STD 8110-3 signoff		<input type="checkbox"/> 8110-3	<input type="checkbox"/> mtr	<input type="checkbox"/> people	
Engineer participation in "signage survey" to validate initial effectiveness		<input type="checkbox"/> 8110-3	<input type="checkbox"/> mtr	<input type="checkbox"/> people	
Issue Paper (IP) response for controversial issues		<input type="checkbox"/> ipr	<input type="checkbox"/> mtr	<input type="checkbox"/> people	
Remote Certification		<input type="checkbox"/> remote	<input type="checkbox"/> mtr	<input type="checkbox"/> people	
Requires Notification Letter input to certification group proposing "DER Project"		<input type="checkbox"/> input	<input type="checkbox"/> mtr	<input type="checkbox"/> people	
Requires Notification Letter input to certification group, possible "TAA Project"		<input type="checkbox"/> input	<input type="checkbox"/> mtr	<input type="checkbox"/> people	
Total Hours					
Grand Total:					

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FIG. 14.

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File Edit View Go Communicator Help

Box Find Recent Home Search Navigation Print Preview Stop

New Project
General Project Info
Impacted Commodities
Assess Filts/JMTs
Cert Deliverables
Cert Methods
Estimate Cert Cost
Reports

320

321

Reports for Project - 4767

Reports are available to summarize the certification costs and also for performing detail analysis of specific issues.

Report	Type/Options
PME	<ul style="list-style-type: none"> - Quotes Summary - Estimate Cost Sheets
Project Cert Deliverables	<ul style="list-style-type: none"> - Cert Deliverables
Impacted Commodity Detail List	<div style="border: 1px solid black; padding: 2px;"> Commodities sort selector DER sort selector FAQUAR sort selector Method sort selector </div>
Potentially Impacted Commodities	<ul style="list-style-type: none"> - Comments
Type Certificate Data Sheet	<ul style="list-style-type: none"> - TCDS web site

322

350

Certification Quote Summary

Date: 8/6/2001

Proposal #: 4767 Status: In Work Start Date: 4/15/01
Estimator: Cruz, Lisa A End Date: 4/15/02
Proposal Description: Hawaiian Airlines 767 Interior Mod

Change (Major/Minor): Major

Airplane Specifics: 767-300

Certification Approach(s): Service Bulletin, Supplemental Type Certificate, Foreign Certification

Total (Cost) Man Hours*: 824 Total Foreign regulatory fees: \$12000

DER Types: Cargo Systems, Comm/Ant, ECS, Electrical, EMC/EMI, Escape Sys, Fire Contain, Flammability, Flight Manual, Interiors, Materials, Mechanisms, Oxygen Sys, PA/Entertain, Software, Stress, Structures, Water/Waste, Weights & Balance

FIG.15

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